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PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/663,557	
	Filing Date	September 16, 2003	
	First Named Inventor	Joseph Haney	
	Art Unit	3672	
	Examiner Name		
Total Number of Pages in This Submission	268	Attorney Docket Number	AENNO.0101

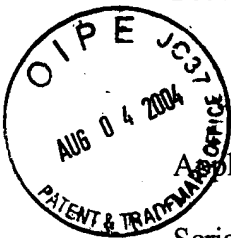
ENCLOSURES (Check all that apply)		
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<div>Remarks</div> <div>Postcard Acknowledgement</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David W. Carstens
Signature	
Date	August 2, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Kathleen A. Tolnay
Signature	
Date	August 2, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Joseph Haney and David Wesson
Serial No.: 10/663,557
Filing Date: September 16, 2003
Title: Improved Shaped Charge and Method of Use
Art Unit: 3672
Attorney Docket No.: AENNO.0101

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

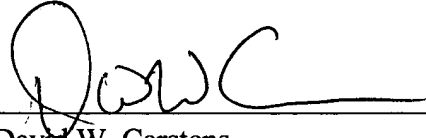
Applicant requests that the information listed on the attached Form PTO/SB/08A be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. 1.97.

In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standards of materiality defined in 37 C.F.R. 1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. 1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) within three months of the filing date of the application, or before the mailing date of a first office action on the merits. No fee or certification is required.

Date: July 30, 2004

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'DWC', is written over a horizontal line.

David W. Carstens
Reg. No. 34,134

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/663,557
Filing Date	September 16, 2003
First Named Inventor	Joseph Haney
Art Unit	3672
Examiner Name	
Attorney Docket Number	AENNO.0101

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 2003/0037692	02-27-2003	Liu	
	A2	US- 6,554,081	04-29-2003	Brooks et al.	
	A3	US- 6,524,706	02-25-2003	Manning et al.	
	A4	US- 6,520,258	02-18-2003	Yang et al.	
	A5	US- 6,508,177	01-21-2003	Badger et al.	
	A6	US- 6,446,558	09-10-2002	Peker et al.	
	A7	US- 6,223,656	05-01-2001	Glenn	
	A8	US- 5,859,383	01-12-1999	Davison et al.	
	A9	US- 5,775,426	07-07-1998	Snider et al.	
	A10	US- 5,663,523	09-02-1997	Williams	
	A11	US- 5,551,346	09-03-1996	Walters et al.	
	A12	US- 5,479,860	01-02-1996	Ellis	
	A13	US- 4,955,939	09-11-1990	Petrousky et al.	
	A14	US- 4,823,875	04-25-1989	Hill	
	A15	US- 4,683,943	08-04-1987	Hill et al.	
	A16	US- 4,633,951	01-06-1987	Hill et al.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

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Substitution for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/663,557
				Filing Date	September 16, 2003
				First Named Inventor	Joseph Haney
				Art Unit	3672
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	AENNO.0101

[illegible]

Examiner Signature		Date Considered	
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